

file name: C:\SCHTUUFF\MASS_BAY\MBLT_REPORT\PLOTS\c4592.txt

date: 31-Oct-2003

nobs = 2517, ngood = 2517, record length (days) = 104.88

start time: 09-May-2000 18:39:25

rayleigh criterion = 1.0

Greenwich phase computed with nodal corrections applied to amplitude \n and phase relative to center time

x0= 0.922, x trend= 0

var(x)= 158.2416 var(xp)= 114.6878 var(xres)= 43.0081

percent var predicted/var original= 72.5 %

y0= -0.0324, x trend= 0

var(y)= 18.4231 var(yp)= 1.2092 var(yres)= 17.2313

percent var predicted/var original= 6.6 %

ellipse parameters with 95%% CI estimates

tide	freq	major	emaj	minor	emin	inc	einc	pha	epha	snr
MM	0.0015122	0.701	1.198	0.095	1.02	125.60	107.92	213.04	146.21	0.34
MSF	0.0028219	1.701	1.220	-0.032	1.49	117.01	60.42	212.86	54.30	1.9
ALP1	0.0343966	0.239	0.374	-0.148	0.33	123.68	114.10	200.71	135.22	0.41
2Q1	0.0357064	0.207	0.336	0.047	0.32	12.42	75.88	48.62	158.59	0.38
Q1	0.0372185	0.217	0.348	-0.087	0.32	121.71	110.43	112.65	119.40	0.39
O1	0.0387307	0.426	0.447	0.254	0.34	10.67	64.17	186.55	99.02	0.91
NO1	0.0402686	0.768	0.967	-0.485	0.87	92.56	148.21	282.64	90.13	0.63
*K1	0.0417807	1.186	0.381	-0.623	0.49	77.80	44.47	315.55	32.94	9.7
J1	0.0432929	0.349	0.374	-0.200	0.34	149.16	80.00	220.70	121.09	0.87
OO1	0.0448308	0.372	0.532	-0.228	0.53	133.25	98.52	301.67	128.39	0.49
UPS1	0.0463430	0.149	0.439	-0.051	0.39	24.24	74.53	42.29	218.90	0.12
EPS2	0.0761773	0.503	1.111	-0.108	0.78	165.25	56.68	358.49	125.83	0.21
MU2	0.0776895	0.738	1.227	0.136	0.76	170.50	55.38	81.31	122.71	0.36
*N2	0.0789992	3.393	1.543	-0.365	0.78	177.25	13.84	214.62	27.76	4.8
*M2	0.0805114	14.561	1.667	-0.729	0.85	177.90	3.44	267.41	5.79	76
L2	0.0820236	1.034	1.213	-0.114	0.75	164.96	37.19	344.42	77.93	0.73
S2	0.0833333	2.119	1.577	-0.280	0.81	0.29	25.95	266.94	52.74	1.8
ETA2	0.0850736	0.514	1.031	-0.134	0.71	20.06	62.28	182.15	155.94	0.25
MO3	0.1192421	0.238	0.322	-0.126	0.24	1.77	79.93	148.75	125.55	0.55
M3	0.1207671	0.113	0.205	-0.054	0.22	141.17	98.91	198.38	145.26	0.31
MK3	0.1222921	0.207	0.244	-0.005	0.23	58.74	101.00	195.76	97.09	0.72
SK3	0.1251141	0.117	0.281	0.075	0.22	157.52	114.84	271.84	154.10	0.17
MN4	0.1595106	0.145	0.233	0.070	0.27	74.30	141.53	313.54	138.84	0.39
*M4	0.1610228	0.458	0.310	-0.110	0.37	58.89	52.42	332.49	48.14	2.2
SN4	0.1623326	0.133	0.250	-0.083	0.27	166.22	90.64	273.47	188.65	0.28
MS4	0.1638447	0.343	0.317	-0.152	0.26	156.93	57.37	70.04	88.20	1.2
S4	0.1666667	0.205	0.284	-0.027	0.26	167.10	72.76	264.03	160.65	0.52
2MK5	0.2028035	0.042	0.107	-0.005	0.11	133.33	131.60	157.88	167.94	0.16
2SK5	0.2084474	0.099	0.137	-0.011	0.13	23.14	90.34	295.11	124.94	0.52
2MN6	0.2400221	0.062	0.120	-0.031	0.10	62.32	98.97	305.10	136.19	0.26
*M6	0.2415342	0.345	0.172	-0.020	0.12	11.79	23.77	357.24	28.82	4
2MS6	0.2443561	0.106	0.126	-0.001	0.15	77.76	127.78	138.20	91.85	0.7
2SM6	0.2471781	0.132	0.144	-0.005	0.10	18.41	58.15	178.01	85.53	0.83
3MK7	0.2833149	0.079	0.099	0.009	0.09	10.78	108.17	357.58	99.23	0.63
M8	0.3220456	0.068	0.065	0.013	0.08	92.95	105.86	339.68	71.08	1.1

total var= 176.6647 pred var= 115.897

percent total var predicted/var original= 65.6 %